Portland, Oregon 97204 Telephone: 503/226-7391 Our Ref. No. 1011-59279
App No. Not yet assigned
Express Mail Label No. EL828140906US
For: A Method and Apparatus to Generate
A Wiring Harness Layout

Mailed: October 17, 2001

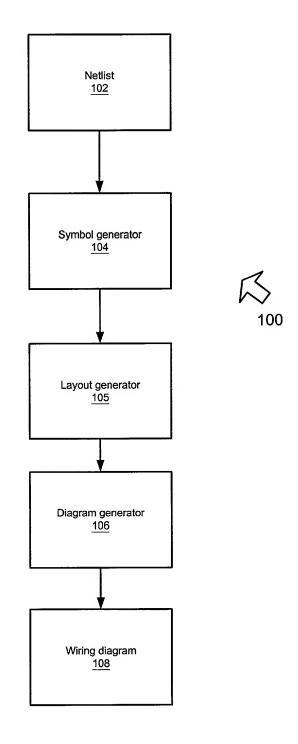


FIG. 1

Portland, Oregon 97204 Telephone: 503/226-7391 Our Ref. No. 1011-59279
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Express Mail Label No. EL828140906U3
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A Wiring Harness Layout
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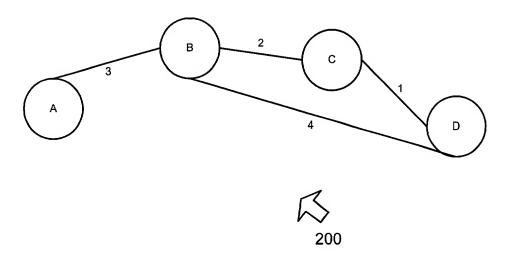


FIG. 2

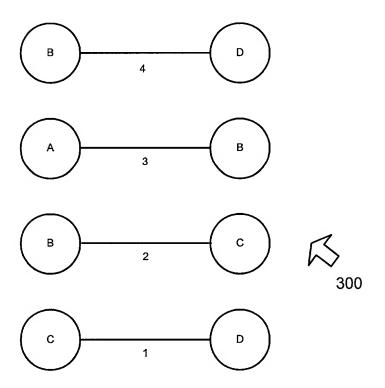


FIG. 3

Portland, Oregon 97204 Telephone: 503/226-7391 Our Ref. No. 1011-59275 App No. Not yet assigned Express Mail Label No. EL828140906US For: A Method and Apparatus to Generate A Wiring Harness Layout Mailed: October 17, 2001

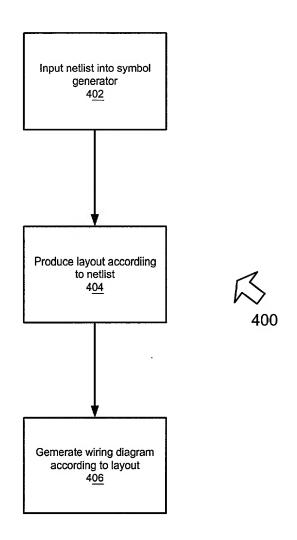
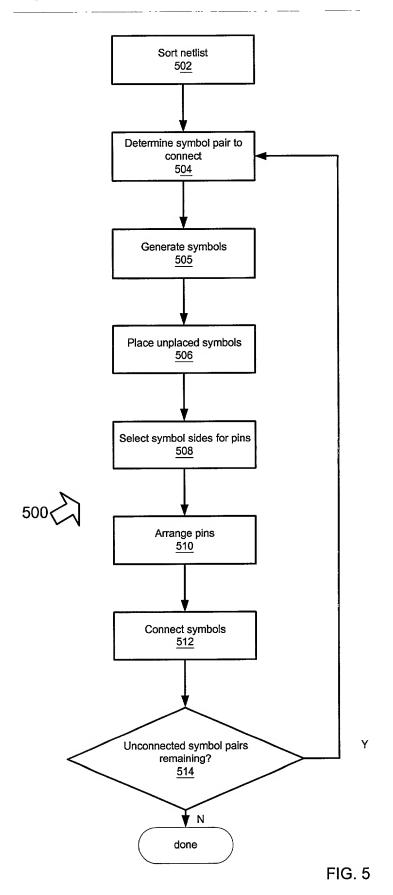


FIG. 4

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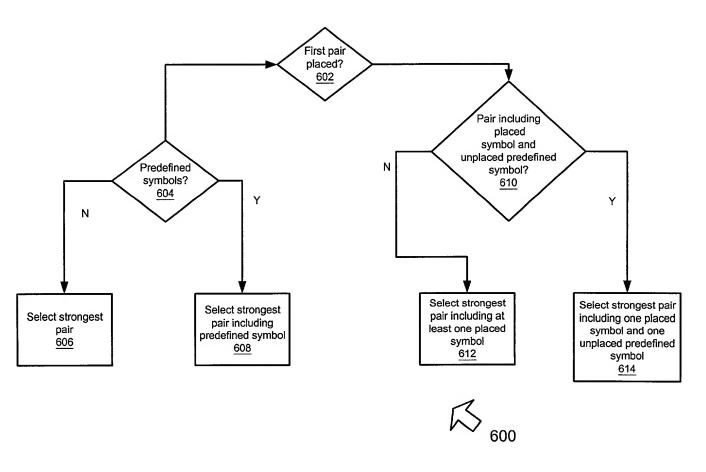


FIG. 6

Portland, Oregon 97204 Telephone: 503/226-7391 Our Ref. No. 1011-59279
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Express Mail Label No. EL828140906US
For: A Method and Apparatus to Generate
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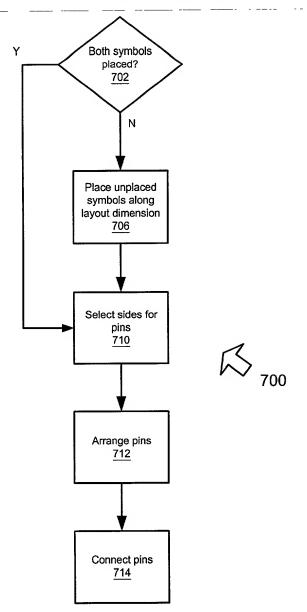


FIG. 7

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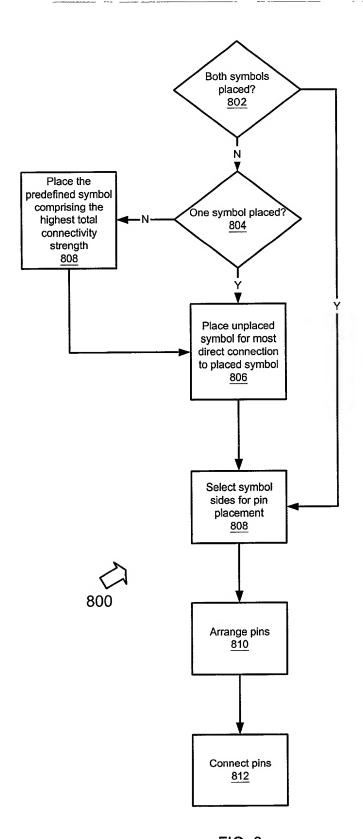
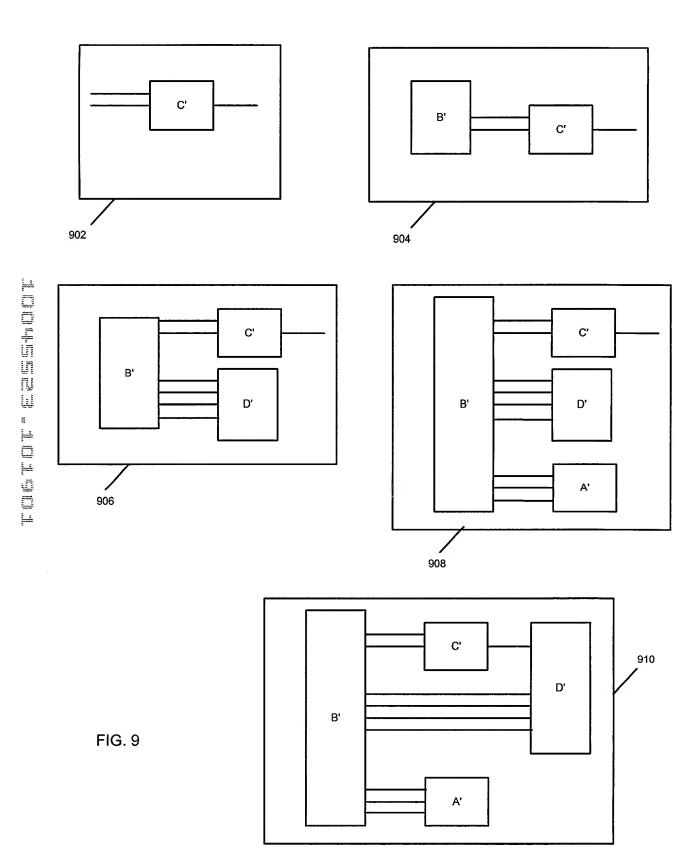


FIG. 8

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Mailed: October 17, 2001

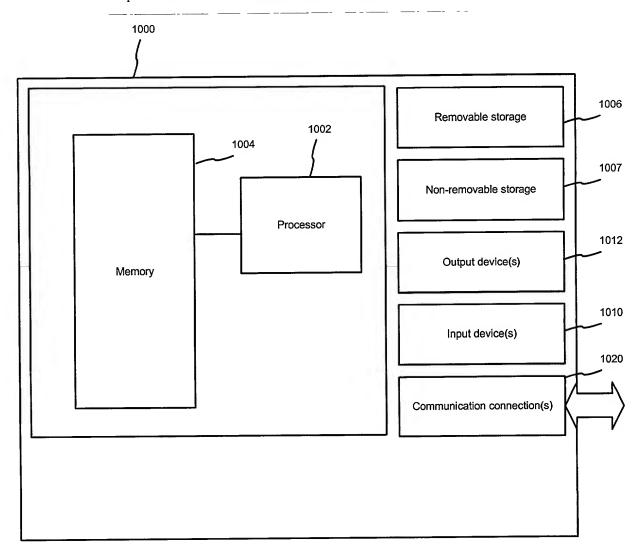


FIG. 10

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App No. Not yet assigned
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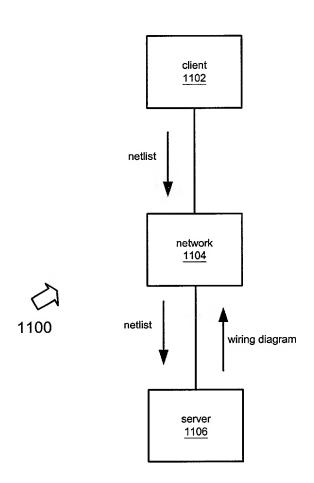


FIG. 11